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Day 3 Practice Problems

Get user info from /etc/passwd and change ownership of user's home directory (select userid higher than 1000)

chown name filename

awk '{print \$1}' info.csv

awk -F: '{if(\$1>1000)print\$1}' info.csv

Move files from one folder to the respective folders.

a) Create files in current directory or any temporary directory

touch abc.txt

touch efg.txt

b) Print list of files to move.

ls

c) Segregate basename and extension of a file

find . -name *.txt

d) Create a folder using basename.

mkdir abc

mkdir efg

e) Move file to newly created folder

mv abc.txt abc

mv efg.txt efg

Append current date to all log files name which has extension .log. 1
from a folder

\$echo access-""date +"%d%m%Y""-.log

Execute command "hello" and "ls" and check its execution status and print whether the command executed successfully or not.

```
ls -l
ls -a
ls ~
touch hello.sh
cat hello.sh
sh hello.sh
```

Check if a folder exists or not. If it's not present, create it

```
find . -name demo | mkdir demo
```

Data Analysis/Manipulation

```
awk '{if($4>"10000") print $2 " " $7}' data.csv
```

```
$ awk '{ if($3="CAPTAIN")s += $6; } END { print "sum of salaries : ", s }' data.csv
```

```
$ awk '{if("7000"<$5&&$5>"10000") print $3 " " $5}' data.csv
```

```
$ awk '{ s += $4; } END { print "Average Base Pay : ", s/11 }' data.csv
```